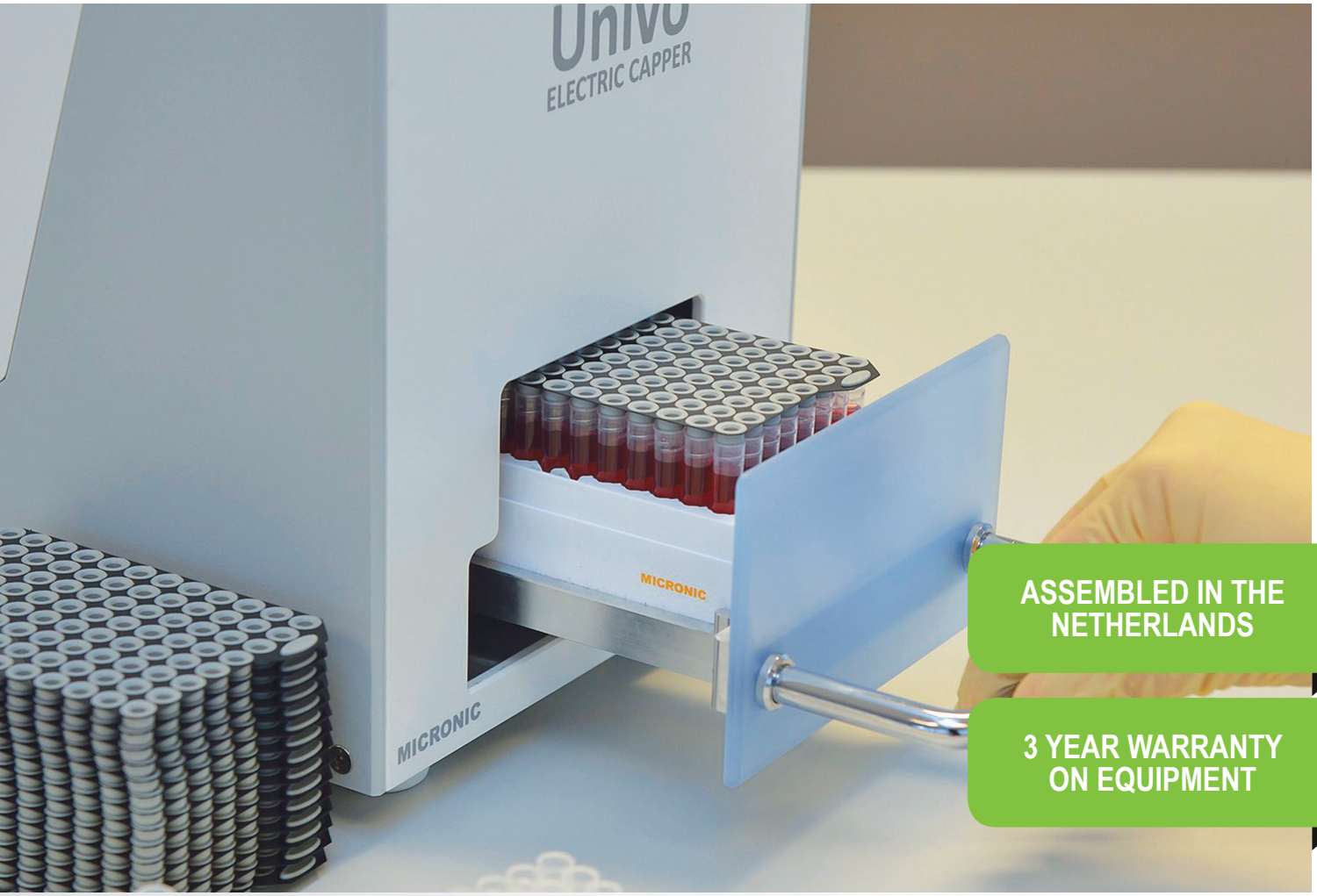
MICRONIC
INNOVATION IN SAMPLE STORAGE



ASSEMBLED IN THE NETHERLANDS

3 YEAR WARRANTY ON EQUIPMENT

SAMPLE HANDLING EQUIPMENT & SOFTWARE

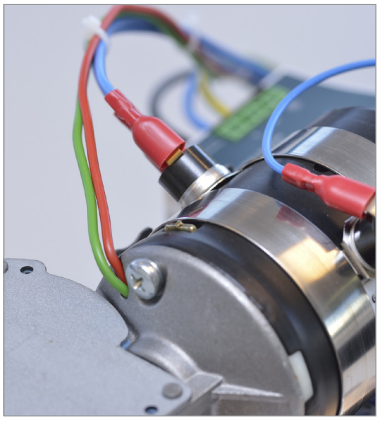
TO ENABLE FAST, ACCURATE AND EFFICIENT SAMPLE IDENTIFICATION, MICRONIC OFFERS THE EXTENSIVE TRACXER CODE READER RANGE WHICH CONSISTS OF SINGLE TUBE SCANNERS AND WHOLE RACK SCANNERS. THE SCANNERS CAN READ CODED 24-, 48-, 96- AND 384- WELL FORMAT TUBES. ADDITIONALLY, MICRONIC OFFERS A WIDE RANGE OF MANUAL AND AUTOMATED CAPPING AND DECAPPING EQUIPMENT (THE UNIVO LINE) AND SAMPLE MANAGEMENT SOLUTIONS THAT SUIT ALL THROUGHPUT AND BUDGET NEEDS.

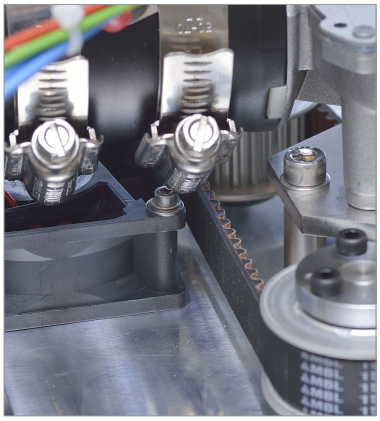
EQUIPMENT SERVICE & WARRANTY

Micronic Equipment Assembly Center

All equipment from the Micronic 'blue-white' equipment line is assembled in-house at the Micronic Equipment Assembly Center. Next to assembling equipment, Micronic's well-trained personnel at this center also provide service on equipment. These services range from taking care of annual maintenance of equipment to repairs when a device turns out to be defective.

At Micronic, high quality and high level service are of paramount importance. By assembling equipment in-house, Micronic's equipment assembly personnel is able to fully understand the equipment, which enables them to perform the service on equipment fast and smoothly.





Micronic Warranty on Equipment

The Micronic products are designed and manufactured to the highest quality standards to deliver outstanding performance, ease of use and ease of installation. In case a user encounters any difficulties while installing or using the product, we recommend to first consult the operating instructions in the supplied User Manual or Getting Started Manual.

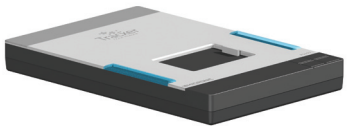
Micronic warrants that its products are of satisfactory quality and conform to applicable EU legislation. If the product turns out to be defective, Micronic will arrange to repair, replace or provide spare parts for the product during the warranty period. The warranty period begins on the day the product was purchased from an authorized dealer and ends after **3 years**. In case of product replacement, the warranty start date remains the date of purchase of the original product.

The Micronic Warranty does not affect consumer statutory rights under applicable local laws, nor consumer rights against the seller arising from the purchase transaction. For more information about Micronic Warranty on equipment or about its applicability, please read the 'Micronic Warranty Statement'.

Service needed?

To obtain service please contact Micronic America / Micronic Europe or a local Micronic supplier.

2D CODE READER OVERVIEW AND SPECIFICATIONS

	TRACXER CODE READER TS201	TRACXER CODE READER BLACK EDITION	TRACXER CODE READER RS297
			
Basic Features			
Imaging technology	CIS	CIS	CIS
Decode time	< 1 second	1 second	1 second
Scan time	< 1 second	15 seconds	15 seconds
Dimensions (mm)	260 x 131 x 174	430 x 280 x 49	430 x 280 x 49
Decoding software	n/a	Latest version Tracxer Software	Latest version Tracxer Software
Software compatibility			
Windows 7, XP, Vista,	Yes	Yes	Yes
Mac OS	Yes	Yes	Yes
Connection	USB x1	USB x2	USB x2
Output options			
Output text file	n/a	Yes	Yes
Configure output file	n/a	Yes	Yes
Export to Excel	n/a	Yes	Yes
ODBC Database push	n/a	Yes	Yes
User account independent	n/a	Yes	Yes
Network ready	n/a	Yes	Yes
TCP/IP Remote control	n/a	Yes	Yes
Tube / rack compatibility			
24-well format tube / rack	Yes	Yes	Yes
48-well format tube / rack	Yes	Yes	Yes
96-well format tube / rack	Yes	Yes	Yes
384-well format tube / rack	Yes	Yes	Yes
Read all 2D Data-Matrix codes	Yes	Yes	Yes
Read all TraXis codes	No	Yes	Yes
Other features			
No tube, no code feature	n/a	Yes	Yes
Single tube reading	Yes	Yes	Yes
Rack templates	n/a	Yes	Yes
Anti-frost system	No	No	No
Robot gripper friendly	No	No	No
Linear barcode reading	Yes, 1D tube barcodes	No	No
ActiveX Toolkit	No	Yes	Yes

TRACXER CODE READER RS210	TRACXER CODE READER RS210 CRYO	TRACXER CODE READER RD235 CRYO
CIS 1 second 5 seconds 254 x 157 x 47 Latest version Tracxer Software	CIS 1 second 5 seconds 254 x 157 x 47 Latest version Tracxer Software	CCD 1 second 7 seconds 298 x 180 x 66 Latest version Tracxer Software
Yes Yes USB x2	Yes Yes USB x2	Yes Yes USB x2
Yes Yes Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes Yes Yes
Yes Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes Yes
Yes Yes Yes No Yes Optional, 1D rack barcodes Yes	Yes Yes Yes Yes Yes Optioinal, 1D rack barcodes Yes	Yes Yes Yes Yes Yes Optional, 1D rack barcodes Yes

TRACXER CODE READER **TS201**

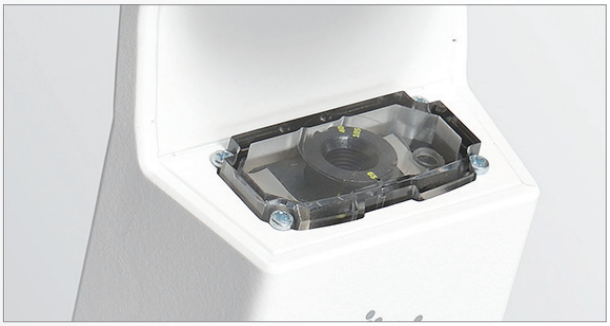
The uniquely designed Micronic Tracxer Code Reader TS201 reads single 1D barcoded and 2D Data-Matrix coded tubes. It is a plug-and-play reader that requires no software installation. The read data can be sent to multiple applications due to the keyboard wedge functionality.

The Tracxer Code Reader TS201 is an easy-to-use scanner. Simply hold a 1D tube code in front of the scanner, or place a 2D Data-Matrix coded tube in the tube holder, and the barcode is decoded instantly.

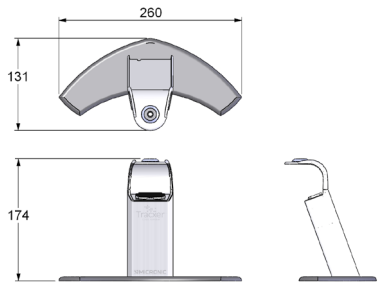
Tube compatibility: The Tracxer Code Reader reads single 96-, 48- and 24-well format Micronic tubes. The TS201 is also compatible with other brands of 1D barcoded and 2D Data-Matrix coded storage tubes.

SUPERIOR FEATURES

- Unique eye-catching design
- High-end sophisticated decoding engine
- Fully automated scan and decode feature
- No software installation required
- Scans and decodes 1D barcoded and 2D Data-Matrix coded tubes in less than one second
- Compatible with tubes in 96-, 48- or 24-well format
- No possibility of condensation on the scanner plate
- Keyboard wedge functionality
- Reads without external light
- Correct code reads are indicated with a bleep
- USB connection (no power supply needed)



SPECIFICATIONS



System requirements:	1x USB port (at least 2.0)
Scan time:	< 1 second
Dimensions:	260 x 131 x 174 mm / 10.2 x 5.1 x 6.8 inch
Weight:	0.5 kg / 1.10 lbs
Tube code reading:	2D Data-Matrix (ECC200, 12x12, 14x14) codes and 1D barcodes

ORDERING INFORMATION

Catalog number	Description	Unit
Single Tube Scanners		
MP55125	Tracxer Code Reader TS201 for single 2D Data-Matrix coded tubes	1 unit

DID YOU KNOW...

The 2D Data-Matrix codes on Micronic sample storage tubes are permanently laser etched on the tube bottom so that they can never wear or fall off. Due to the optimal symbol contrast, modulation and print growth, and Micronic's 100% quality control on all 2D codes, the 2D codes can be easily read by scanners and readers. All Micronic tubes are available with a 2D Data-Matrix code on the bottom of the tube. The 2D Data-Matrix codes are guaranteed unique and also have a human-readable code. The special custom 2D code service from Micronic enables customers to choose their own prefix of three digits which are followed by ten predefined digits which are also guaranteed unique.

TRACXER CODE READER **RS297**

The Micronic Tracxer Code Reader RS297 reads whole racks filled with 2D Data-Matrix or TraXis coded tubes. The scanner is an economical solution which is built for operational precision, high throughput and reliability to improve sample logistics.

Software: The Tracxer Code Reader Software is easy to install, gives reliable code readings and a smooth integration into any laboratory sample database. The software includes a 'no tube, no code' feature which can be crucial for determining whether any samples are missing.

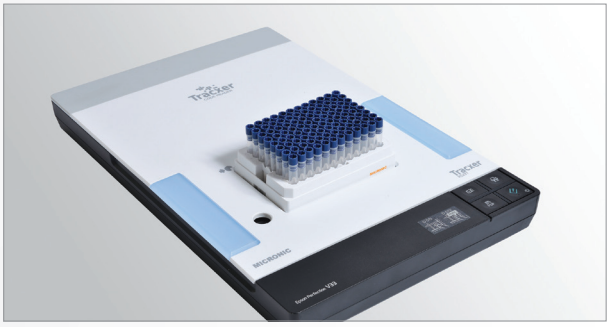
Rack compatibility: The RS297 reads 384-, 96-, 48-, and 24-, 12-well format racks (standard ANSI / SLAS footprint) filled with 2D coded tubes.

SUPERIOR FEATURES

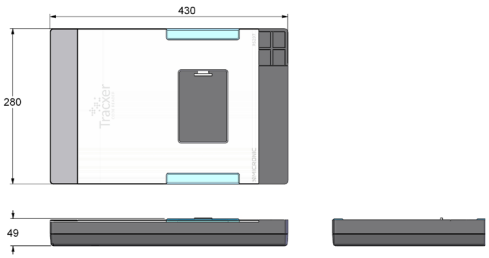
- Economical solution
- Scans and decodes racked 2D Data-Matrix and TraXis coded tubes in 15 seconds
- Easy-to-use Tracxer Code Reader Software (latest version)
- Compatible with 384-, 96-, 48-, 24- and 12-well format racks (standard ANSI / SLAS footprint)
- Outputs CSV-files (text)
- Microsoft Access / Excel compatible
- ActiveX toolkit included
- Single tube reading option for 96-format tubes

ADDITIONAL OPTIONS

- 1D Handheld Barcode Reader



SPECIFICATIONS



System requirements:	2x USB port
Scan time:	15 seconds (whole rack) / 2 seconds (single tube)
Dimensions:	430 x 280 x 49 mm / 16.9 x 11.0 x 1.9 inch
Weight:	2.6 kg / 5.7 lbs
Voltage:	115 - 230 V
Tube code reading:	2D Data-Matrix and TraXis codes

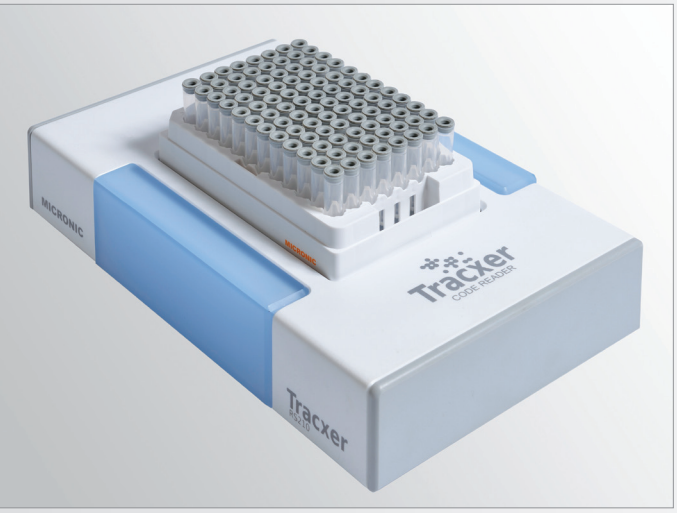
ORDERING INFORMATION

Catalog number	Description	Unit
Single Rack Scanners		
MP55114	Tracxer Code Reader RS297 for whole rack 2D codes tubes	1 unit

DID YOU KNOW...

Do you need an economical solution for reading the 2D codes of your sample storage tubes at a (second) laboratory workplace? Micronic now offers the Tracxer Code Reader **Black Edition** with a significant discount! The scanner has exactly the same features as the Tracxer Code Reader RS297, except for the single tube reading option. The Black Edition is offered for only € 1.100 / $ 1,485. For more information please contact a local Micronic reseller.

TRACXER CODE READER **RS210**



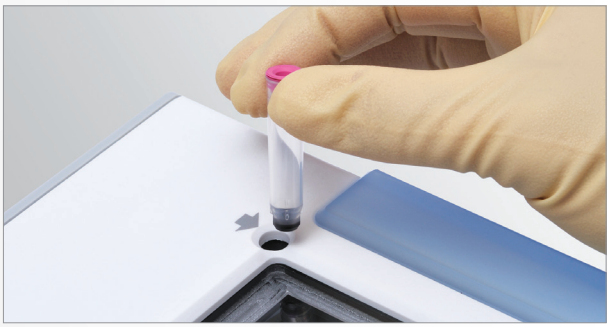
The Micronic Tracxer Code Reader RS210 reads whole racks filled with 2D Data-Matrix or TraXis coded tubes quickly, cost effective and with limited lab-space. The compact reader is built for high throughput and automated systems. It enables a reliable interface with your sample organization.

Software: The Tracxer Code Reader Software is easy to install, gives reliable code readings and a smooth integration into any laboratory sample database. The software includes a 'no tube, no code' feature which can be crucial for determining whether any samples are missing.

Rack compatibility: The RS210 reads 384-, 96-, 48-, 24- and 12-well format racks (standard ANSI / SLAS footprint) filled with 2D coded tubes.

SUPERIOR FEATURES

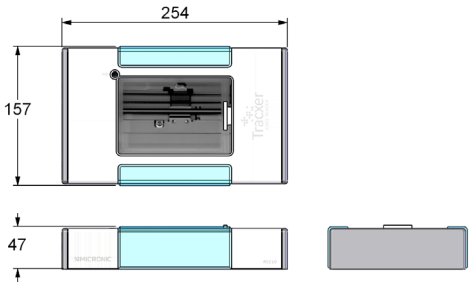
- Reads a whole rack (in 384-, 96-, 48-, 24- or 12- well format) in less than 5 seconds and a single 96-well format tube in less than 2 seconds
- Anti-frost system which minimizes condensation of frozen samples on the scanner plate (CRYO version)
- Scans and decodes 2D Data-Matrix and TraXis coded tubes
- Small bench top solution
- Easy-to-use Tracxer Code Reader Software (latest version)
- Software Developer's ActiveX Toolkit included for easy LIMS integration
- Outputs CSV-files (text)
- Microsoft Access / Excel compatible
- Compatible with most brands of 2D Data-Matrix coded tubes



ADDITIONAL OPTIONS

- Integrated 1D Rack Barcode Reader BC210

SPECIFICATIONS



System requirements:	2x USB port
Scan time:	5 seconds (whole rack) / 2 seconds (single tube)
Dimensions:	254 x 157 x 47 mm / 10.0 x 6.2 x 1.9 inch
Weight:	1.3 kg / 2.9 lbs
Voltage:	115 - 230 V
Tube code reading:	2D Data-Matrix and TraXis codes

ORDERING INFORMATION

Catalog number	Description	Unit
Single Rack Scanners		
MP55120	Tracxer Code Reader RS210 for whole rack 2D coded tubes	1 unit
MP55121	Tracxer Code Reader RS210 CRYO for whole rack 2D coded tubes	1 unit
MP55637	Tracxer 1D Rack Barcode Reader BC210	1 unit

DID YOU KNOW...

The Tracxer Code Reader RS210 from Micronic is also available in a CRYO version. This version has an anti-frost system, which enables users to read racks filled with 2D codes tubes straight from the freezer. The anti-frost system minimizes condensation of frozen samples on the scanner plate of the Tracxer Code Reader. This way, tube codes from even frozen samples can be read, thereby improving productivity and preserving the integrity of your samples.

TRACXER CODE READER **RD235 CRYO**

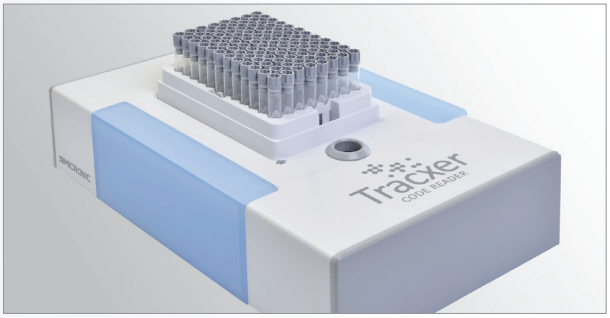
The high-end Micronic Tracxer Code Reader RD235 CRYO reads whole racks filled with 2D Data-Matrix or TraXis coded tubes. The reader features a CCD image sensor ensuring the highest accuracy 2D code reading, and an anti-frost system so that tube codes from even frozen samples can be read.

Software: The Tracxer Code Reader Software is easy to install, gives reliable code readings and a smooth integration into any laboratory sample database. The software includes a 'no tube, no code' feature which can be crucial for determining whether any samples are missing.

Rack compatibility: The RD235 reads 384-, 96-, 48-, 24- and 12-well format racks (standard ANSI / SLAS footprint) filled with 2D coded tubes.

SUPERIOR FEATURES

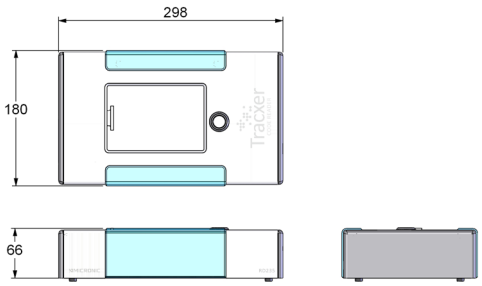
- CCD image sensor for high resolution image quality
- Anti-frost system which minimizes condensation of frozen samples on the scanner plate
- Reads racks filled with tubes (in 384-, 96-, 48-, 24- or 12-well format) in 7 seconds
- Reads a single tube (in 96-, 48- or 24-well format) in less than 2 seconds
- Scans and decodes 2D Data-Matrix and TraXis codes
- Small bench top solution
- Easy-to-use Tracxer Code Reader Software (latest version)
- Software Developer's ActiveX Toolkit included for easy LIMS integration
- Outputs CSV-files (text)
- Microsoft Access / Excel compatible
- Compatible with most brands of 2D Data-Matrix coded tubes



ADDITIONAL OPTIONS

- Integrated 1D Rack Barcode Reader BC235

SPECIFICATIONS



System requirements:	2x USB port
Scan time:	7 seconds (whole rack) / 2 seconds (single tube)
Dimensions:	298 x 180 x 66 mm / 11.7 x 7.1 x 2.6 inch
Weight:	1.8 kg / 4.0 lbs
Voltage:	115 - 230 V
Tube code reading:	2D Data-Matrix and TraXis codes

ORDERING INFORMATION

Catalog number	Description	Unit
Single Rack Scanners		
MP55122	Tracxer Code Reader RS235 CRYO for whole rack 2D coded tubes	1 unit
MP55638	Tracxer 1D Rack Barcode Reader BC235	1 unit

DID YOU KNOW...

The Micronic equipment is packed in solid cardboard boxes and thick foam to keep the devices protected during transportation. Larger equipment, such as cappers or decappers, are packed in strong wooden boxes due to their weight. Next to the protection feature of the packaging it also has a design feature. The name Micronic is visualized in the inner protection foam so that it is easily recognizable as a Micronic device.

HANDHELD SCANNERS

The Micronic 2D Handheld Scanners enable labs to read multiple tube codes fast and reliably. The scanners can read any 1D or 2D Data-Matrix barcode.

The Micronic Wireless Handheld Scanner is one of the first wireless readers on the market, using the proven Bluetooth wireless connectivity. With a working range of 10 meters around the docking station, users can read barcodes from cryo vials, Micronic tubes, Micronic tube racks and more. A long lasting, high capacity lithium ion battery provides 50,000 scans per charge.

Tube compatibility: The Handheld Scanners read single 96-, 48- and 24-well format Micronic tubes. The devices are also compatible with other brands of 1D barcoded and 2D coded storage tubes.

SUPERIOR FEATURES

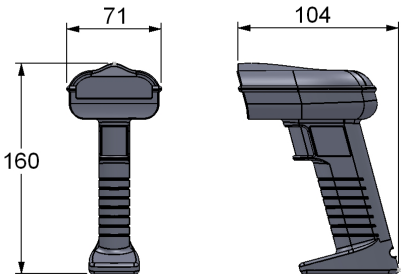
USB version

- USB cable connection only
- Reads any linear 1D barcode and 2D Data-Matrix code
- Easy set-up, no software installation required
- Keyboard wedge functionality

Wireless version

- Bluetooth connectivity
- Reads any linear 1D barcode and 2D Data-Matrix code
- Easy set-up, no software installation required
- Keyboard wedge functionality
- Long lasting lithium ion battery provides approximately 50,000 scans per charge
- Including docking station

SPECIFICATIONS



Connection:	USB cable only (wireless version: Bluetooth)
Scan time:	< 1 second
Weight:	255 grams / 0.56 lbs
Battery (wireless):	Lithium Ion
Operation time (wireless):	16 hours (charge time: 4 hours)
Tube code reading:	2D Data-Matrix (ECC200, 12x12, 14x14) codes and 1D barcodes

ORDERING INFORMATION

Catalog number	Description	Unit
Handheld Scanners		
RH82030	Handheld 1D barcode and 2D Data-Matrix code reader with USB-connection	1 unit
RH82025	Handheld Wireless 1D barcode and 2D Data-Matrix code reader	1 unit

DID YOU KNOW...

If you require technical assistance during installation of Micronic equipment, you can contact the Micronic technical support team. E-mail to helpdesk@micronic.com or call +1 484 480 3372 (Micronic America) / +31 (0)320 277 099 (Micronic Europe). Micronic strives to respond to your technical support enquiries within 24 hours. To help us answering your technical questions quickly we kindly ask you to write down the following information (if available): product number, serial number of the device, version of the software you are running and the version of Windows.

UNIVO ELECTRIC CAPPER **CP480 / 860**

Built to meet the special individual requirements of our customers, the Univo Electric Cappers can cap the following Micronic Push Caps on 96-format tubes in rack: TPE Capmats, Capbands and Capclusters, and EVA Capmats.

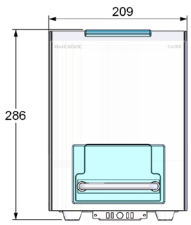
For your convenience the capper operates without any buttons. Simply pull the drawer out of the capper, place a rack filled with tubes on the drawer, and then place the capmat, capband or capcluster on the tubes. Push the drawer inside the capper and the capping will start automatically.

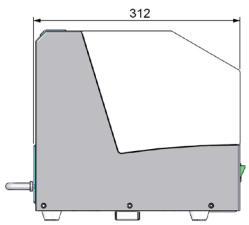
Tube compatibility: The Univo Electric Capper CP480 has the flexibility to cap any tube height up to 48mm and the Univo Electric Capper CP860 can cap any tube height up to 86mm (no adapters required).

SUPERIOR FEATURES

- No adapters required
- Caps an entire rack of 96 tubes in an average of 7 seconds (depends on the tube height)
- Operates without any buttons
- Compact and robust design
- Controlled pressure system for an evenly capping result
- Works on full and partially-full racks
- Compatible with the complete Micronic range of 96-format tubes and racks
- Works with tube sizes up to 1.40ml (CP480) or with tube sizes up to 2.50ml (CP860)
- Also compatible with other brands of tubes and caps (ask us for a compatibility list)

SPECIFICATIONS





Compatibility:	All ANSI / SLAS standard 96-format racks
Cycle time:	On average 7 seconds (CP480 + CP860)
Dimensions:	312 x 209 x 286 mm / 12.3 x 8.2 x 11.3 inch (CP480)
Weight:	14 kg / 31 lbs (CP480)
Voltage:	115 - 230 V

ORDERING INFORMATION

Catalog number	Description	Unit
Push Cap Cappers		
MP35020	Univo Electric Capper CP480 for all tube sizes up to 1.40ml	1 unit
MP35021	Univo Electric Capper CP860 for all tube sizes	1 unit
MP55005	Manual Capmatsealer (1.40ml tubes only)	1 unit
MP55006	Manual Capmatsealer (Rack adapters required for 0.50ml, 0.75ml and 1.10ml tubes)	1 unit
MP55702	Adapter for 0.50ml tubes	1 unit
MP55700	Adapter for 0.75ml tubes	1 unit
MP55701	Adapter for 1.10ml tubes	1 unit

DID YOU KNOW...

Next to the Univo Electric Cappers, Micronic offers also an economical manual capping solution for Push Caps. The Manual Capmatsealer can be used to seal any TPE Push Cap on the Micronic 0.50ml, 0.75ml, 1.10ml and 1.40ml sample storage tubes in rack. There is a standard version available for the 1.40ml Micronic tubes. The Manual Capmatsealer has a robust design, small footprint and ensures the integrity of your valuable samples.

UNIVO ELECTRIC DECAPPER **DC480**

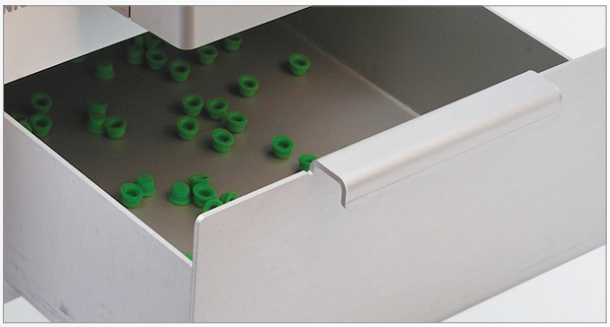
With the ever-growing requirement for higher sample throughput in many laboratories the Univo Electric Decapper DC480 enables significant productivity gains to be made in the opening of multiple sample storage tubes.

The internal cap grippers are developed in such a way that cross-contamination is minimized. The gripper moves down slightly into the cap while the rack in the sleigh is moving backwards, ensuring a smooth and safe removal of the caps. Through a friendly user interface the user chooses the correct rack to decap, without using different adapters.

Tube compatibility: The decapper is compatible with Micronic tube sizes up to 1.40ml, racks and caps.

SUPERIOR FEATURES

- No adapters required
- Decaps 96 caps in 8 seconds
- Simple and safe operation
- Friendly user interface for an easy selection of tube size
- CE-approved and conform UL
- Operates stand-alone or in a fully automated environment
- Minimum cross-contamination
- Remote control via RS232
- Compatible with the complete Micronic range of 96-format tubes (up to 1.40ml)
- Also compatible with other brands of tubes and caps (ask us for a compatibility list)



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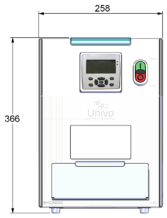
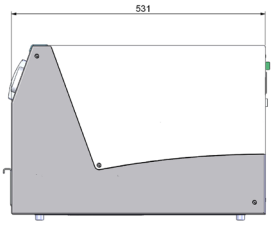




Compatibility:	All ANSI / SLAS standard 96-format racks
Cycle time:	10-15 seconds
Dimensions:	531 x 258 x 366 mm / 20.9 x 10.2 x 14.4 inch
Weight:	25 kg / 55 lbs
Voltage:	115 - 230 V

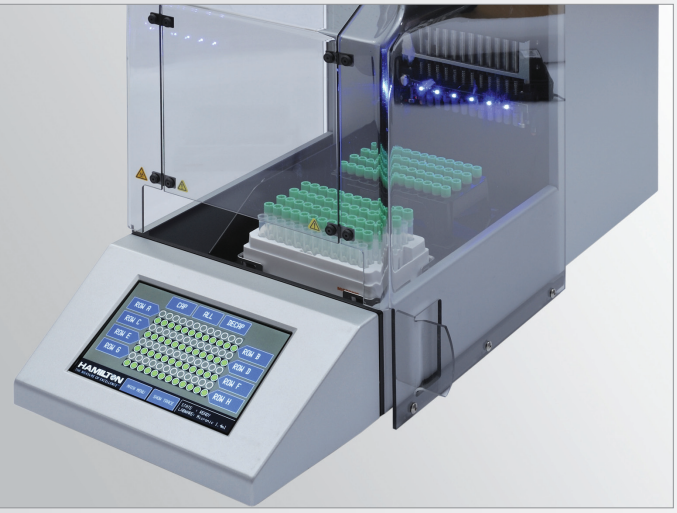
ORDERING INFORMATION

Catalog number	Description	Unit
Push Cap Decappers		
MP35000	Univo Electric Capper DC480 for decapping TPE Caps	1 unit

DID YOU KNOW...

Micronic regularly participates in exhibitions, like the SLAS show or the European Lab Automation show. During these exhibitions leading researchers, technologists, engineers and laboratory professionals come together. These shows are therefore excellent opportunities to talk to us about our extensive range of sample storage products and sample handling equipment. Additionally, we will also update you on the latest innovations in sample storage. See you there!

SCREW CAP DECAPPER



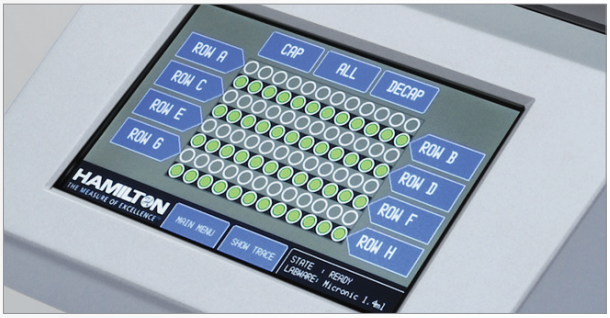
The Screw Cap DeCapper opens or closes rows of 12 tubes at a time. No cap moves over open tubes which eliminates the risk of cross contamination.

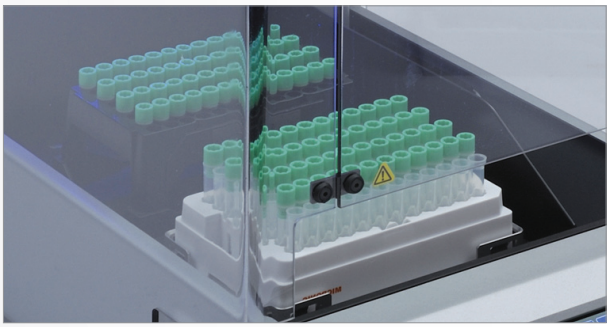
The torque monitoring ensures optimal sealing quality of your valuable samples. The laser sensor detects the tube height so that no adapters are needed for different tube sizes. The graphical touch screen interface simplifies programming and it clearly displays tubes to be capped or recapped which makes the DeCapper easy to operate.

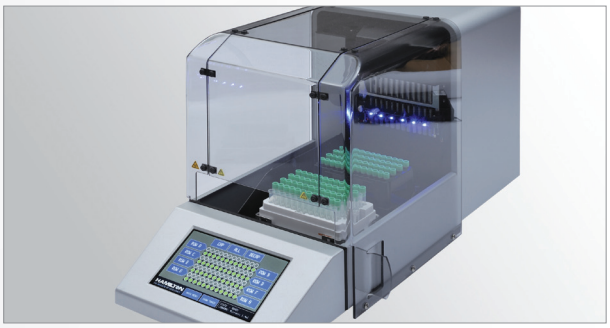
Tube compatibility: The Automatic Screw Cap DeCapper can screw and unscrew all Micronic Screw Caps on Micronic tubes. The DeCapper is also compatible with other brands of tubes and caps.

SUPERIOR FEATURES

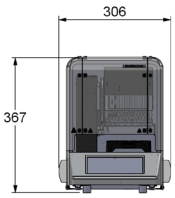
- No adapters required
- Caps or decaps 96 Screw Cap tubes within 60 seconds
- Torque monitoring for optimal sealing quality
- Easy-to-use graphical touch screen interface
- Permanent sensor control enhances process safety
- Compatible with the Micronic range of Screw Cap tubes in 96-well format (0.50ml, 0.75ml, 1.10ml and 1.40ml)
- Also compatible with other brands of tubes and caps
- Minimum cross-contamination
- Ethernet and RS232 communication

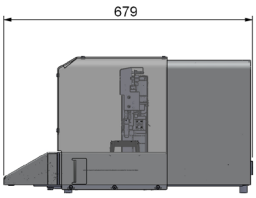






SPECIFICATIONS





Compatibility:	All ANSI / SLAS standard 96-format racks
Cycle time:	60 seconds per rack of 96 tubes
Dimensions:	687 x 306 x 363 mm / 27 x 12 x 14.3 inch
Weight:	20 kg / 44.1 lbs
Voltage:	100 - 240 V

ORDERING INFORMATION

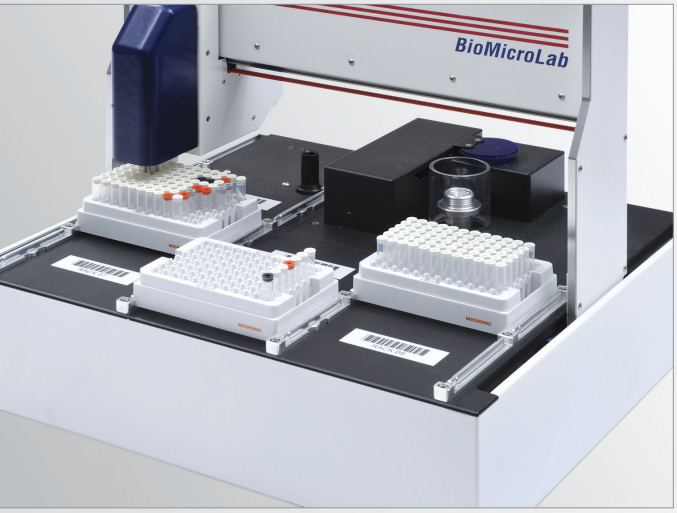
Catalog number	Description	Unit
Screw Cap DeCappers		
RH71001	Auto Screw Cap Handler - Decaps and Caps rows of 12 Screw Cap Tubes	1 unit

DID YOU KNOW...

With just a few clicks of the mouse, all product, service and company information can be found on the corporate Micronic website: **www.Micronic.com**. On the home page you can immediately choose a product category and a specific product. The website will give you all information you need on the chosen product: superior features, specifications, pictures, movies, leaflets and ordering information. Examples of other interesting sections on our website are the services section and the download section. Visit our website today and find out why!

MICRONIC
INNOVATION IN SAMPLE STORAGE
TUBES, RACKS, CAPS | READERS & SOFTWARE | CAPPERS & DECAPPERS
CRYOGENIC SAMPLE STORAGE
What does Micronic recommend?
LEARN MORE
Sample Storage Solutions
Download our 2014 Catalog

TUBESORTERS & VOLUME CHECK



Tubesorters: For cherry picking or re-arraying your sample storage library, the Tubesorter can quickly transfer tubes between multiple 96 tube racks while maintaining sample identity. The advanced tube management system supports sorting of a nearly unlimited number of tubes. The robotics allows for the unattended processing of 9 or 20 tube racks at a time. For projects over 1,920 tubes, the tube racks can be exchanged dynamically.

Volume Check: The Volume Check determines the exact sample volume in your storage tube by using non-contact acoustic signal. The Volume Check is fully compatible with the range of Micronic 96-well format sample storage tubes: 0.50ml, 0.75ml, 1.10ml and 1.40ml, in any sample storage rack.

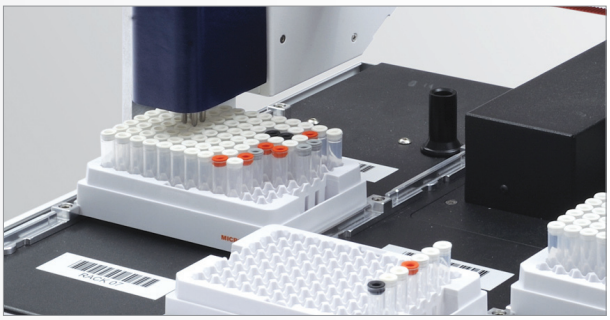
SUPERIOR FEATURES

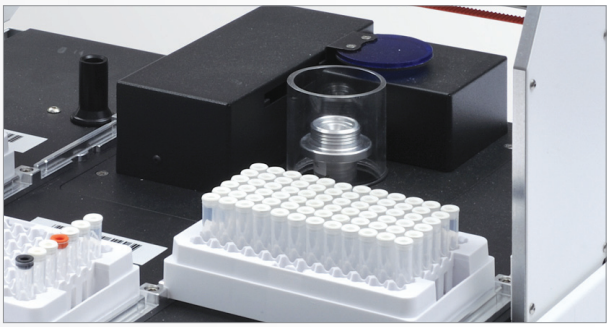
Tubesorters

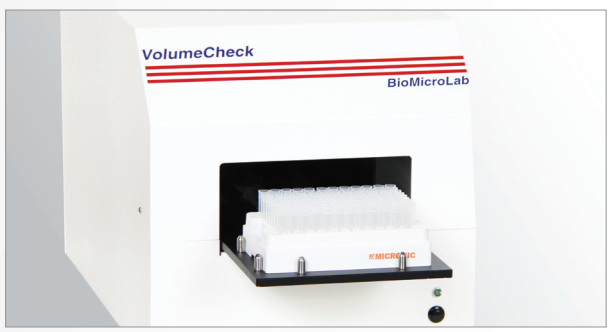
- Work list based processing for fast and reliable operations
- Capacity of 9 or 20 tube racks - sorts 300 to 900 tube per hour
- Intuitive software
- Sample tracking, work list based software, and integrated 2D tube scanner (2D Data-Matrix or TraXis)
- Individual tube identification
- Barcoded rack set-up
- Detailed LOG files
- Additional options: ActiveX toolkit, integrated 2D code reader, analytical balance for weighing tubes, tube level check

Volume Check

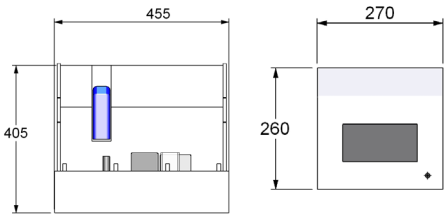
- Accuracy +/- 10µl to +/- 15µl
- Non-contact acoustic volume measurement within one minute
- Compatible with the Micronic 96-well format tubes: 0.50ml, 0.75ml, 1.10ml and 1.40ml (standard)
- Works on full and partially-full racks
- Additional option: ActiveX toolkit







SPECIFICATIONS



XL9 VC

System requirements:	Windows 7 / Vista / XP
Dimensions:	430 x 455 x 405 mm / 16.9 x 17.9 x 15.9 inch (XL9)
	430 x 270 x 260 mm / 16.9 x 10.6 x 10.2 inch (VC)
Weight:	24 kg / 52.9 lbs (XL9)
	12 kg / 26.5 lbs (VC)
Voltage:	110-220 VAC 60Hz

ORDERING INFORMATION

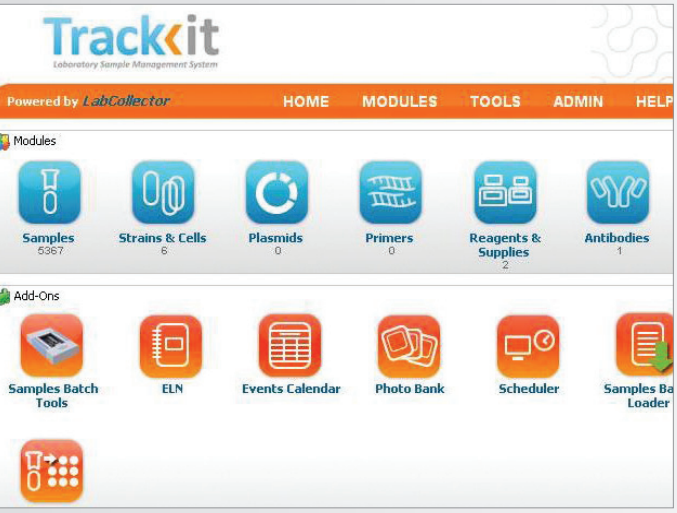
Catalog number	Description	Unit
XL9 Tubesorter Systems (9 rack capacity)*		
LXL9	XL9 Tubesorter System Base model - sort only	1 unit
LXL9C	XL9 Tubesorter System with 2D Code Reader	1 unit
LXL9S	XL9 Tubesorter System with Analytical Balance	1 unit
LXL9CS	XL9 Tubesorter System with 2D Code Reader and Analytical Balance	1 unit
LCRXL9	XL9 Tubesorter System Base model COLD ROOM - sort only	1 unit
XL20 Tubesorter Systems (20 rack capacity)*		
LXL20	XL20 Tubesorter System Base model - sort only	1 unit
LXL20C	XL20 Tubesorter System with 2D Code Reader	1 unit
LXL20S	XL20 Tubesorter System with Analytical Balance	1 unit
LXL20CS	XL20 Tubesorter System with 2D Code Reader and Analytical Balance	1 unit
LCRXL20	XL20 Tubesorter System Base model COLD ROOM - sort only	1 unit
Volume Checks (VC)		
LVC50	Volume Check with low speed sensor, 3 minutes per 96 plate or tube rack	1 unit
LVC100	Volume Check with high speed sensor, 45 seconds per 96 plate or tube rack	1 unit
LVC100LV	Volume Check for large vials (up to 70mm), high speed, 45 seconds per rack	1 unit

* Level Check add-ons and other accessories are available

DID YOU KNOW...

Next to the automated systems, Micronic also offers a manual tube picking tool: the Tube Selector. The tool is very user friendly since it offers the convenience of single-handed operation. A single thumb button enables the rapid and secure picking of a sample storage tube. Pressing the thumb button again releases the tube from the Tube Selector.

TRACK-IT DATABASE SOFTWARE



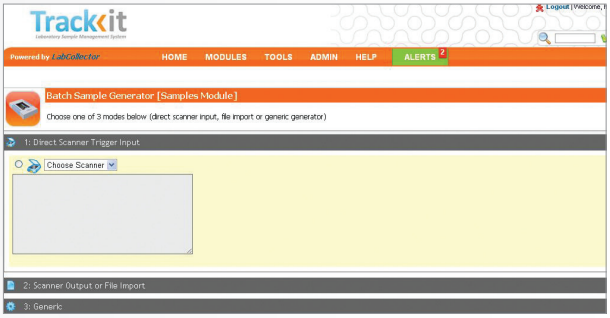
Track-IT is a unique out-of-the-box LSMS (Laboratory Sample Management System) made for scientists enabling them to reorganize and track tubes and samples in just minutes.

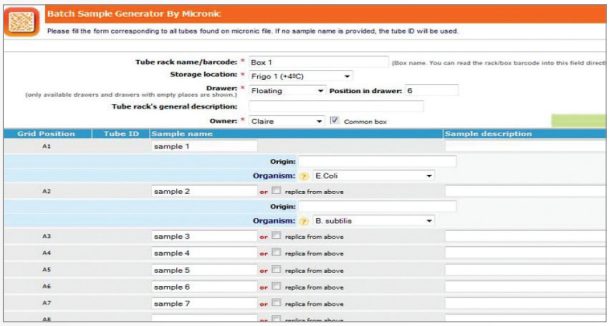
Track-IT is compatible with 1D rack barcode and 2D tube code scanning, in turn allowing you to catalogue samples that have been scanned by lab equipment such as readers and scanners.

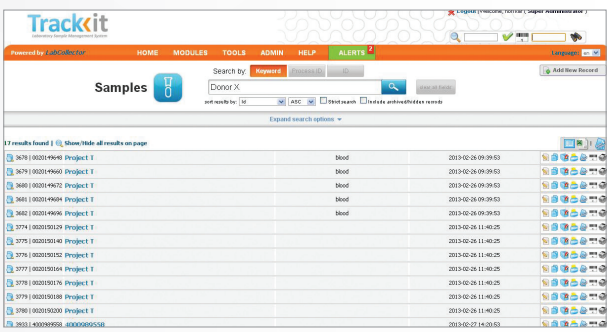
The main concept behind Track-IT is that each scientist in the lab can manage data and information quickly and make it available to the rest of the lab community. Via Intranet support, data can be accessed from any connected computer in the lab, which accelerates information retrieval.

SUPERIOR FEATURES

- Modular based system
- Manage samples, equipment, reagents and more
- Web based access
- 1D and 2D Data-Matrix code compatible
- Central information database
- Quick information retrieval
- Customizable to match the workflow of your laboratory
- Alerts system
- Cross-database searches
- Uniform data presentation
- Data reports export (screen and MS-Excel)
- Upgradable
- 1 licence per database covers all the lab users
- Micronic Tracxer Code Reader Software fully integrated







SPECIFICATIONS

Trackit
Laboratory Sample Management System

Server system requirements:	Windows 2000 / XP / Vista, 2x USB ports
Client system requirements:	Windows / Mac OS / Linux
Internet requirements:	Internet Explorer 6+, Firefox 2+, Safari 2+, Opera 8+

ORDERING INFORMATION

Catalog number	Description	Unit
Sample Management Software		
RH81001	Track-IT Sample Management Software full version (Academic usage)	1 unit
RH81007	Track-IT Sample Management Software full version (Private usage)	1 unit

DID YOU KNOW...

The Micronic Tracxer Code Reader Software is fully integrated with Track-IT so that users can directly trigger tube or rack barcode scanning from the Track-IT program. The database software enables users to scan barcodes in only 5 seconds and transfer the codes directly into Track-IT. This way laboratories can markedly speed up their sample storage process compared to database programs in which users need to upload spread sheets with scanned codes. Additionally, Track-IT is available in a version for Academic usage and a version for Private usage. The Academic version is an economical solution for research laboratories of university hospitals. The Private version is intended for forensics, agricultural, veterinary and governmental institutes, as well as companies in the biotech, food, chemical and pharmaceutical areas.